



— Y-12 BULLETIN

A Newspaper For Y-12 Employees of Union Carbide Corporation—Nuclear Division

Vol. 22 — No. 50

OAK RIDGE, TENNESSEE

Wednesday, January 1, 1969

Noted Local Writer Wilma Dykeman Is Guest Speaker At Mental Health Meet

The noted writer, Wilma Dykeman, will be guest speaker Monday, January 13 at the annual meeting of the Oak Ridge Regional Mental Health Association to be held at the Oak Ridge Country Club. The subject of Miss Dykeman's talk will be: "People—Yesterday and Today."

People and history are an apparent interest to Miss Dykeman as shown in her biographies, novels, essays, and editorial column, "Look To This Day," in the Knoxville *News-Sentinel*. Her social commentaries have made many readers rejoice, and sometimes despair, as she reveals situations of which they were unaware.

Miss Dykeman's writings have earned many honors such as a Guggenheim Fellowship, the Hillman Award, and the Thomas Wolfe Award. Some of her published books are: *The French Broad*, *The Tall Woman*, *The Far Family*, and *Neither Black Nor White* co-authored with husband, James Stokely. The latter book won the Hillman Award for the best book published in the United States in 1957 concerning human relations or world understanding. Her new publication, *The Border States*, is also co-authored with Mr. Stokely.

Several of the books have been purchased for translation and publication abroad. Excerpts from *Look To This Day*, a collection of essays, will appear in future issues of *Good Housekeeping* magazine.

A contributor to magazines such as *Harpers* and the *U.S. News and World Report*, Miss Dykeman has also done book reviews for the *New York Times* and *The Chicago Tribune*. Lecturing and serving on numerous regional, state, and national committees completes

Miss Dykeman's professional activities.

Born and raised in Asheville, North Carolina, a graduate of Northwestern University, Miss Dykeman lives in Newport, Tennessee with her husband, James R. Stokely, Jr., and their two sons who are presently Yale University students. As a professional vocation and family hobby, they have traveled the United States several times, and also have toured Canada, Mexico, and Europe.

Miss Dykeman says: "It's a full life—and a fascinating one." And so it seems.

The public is invited to attend. Social hour begins at 6:30 p.m. with buffet dinner at 7 p.m. followed by the lecture and a short business session. Price is \$3.50 per person. No tickets will be sold at the door. Deadline for purchasing tickets will be January 10. They may be obtained from Mrs. Paul Spray 483-9936 or Mrs. J. W. Garland 483-3271.

Siren Test Set Sunday, At 9 a.m.

A quarterly siren test is set for Sunday, January 4, at 9 a.m. The test will be the attack warning (the wail of the siren, up and down for three minutes.)

Sirens on Buildings 9201-3, 9993, 9204-4 and 9213 will be tested. The test will encompass "Attack Warning" only.

Employees at work Sunday need not leave their work stations. A voice announcement will precede the test over the public address system.

SOMETHING IN THE AIR

An empty highway always makes us nervous. What does everybody else know that we don't?



F. S. PATTON, SUPERINTENDENT OF DESIGN ENGINEERING in Y-12, presents license certificates to three newly licensed professional engineers. The certificates were presented at the December meeting of the Oak Ridge chapter of the Tennessee Society of Professional Engineers. The engineers receiving their State of Tennessee Engineer's licenses are, John F. Terrell, supervisor of facility engineering; William H. Carr Jr., chemical engineer at Oak Ridge National Laboratory, and Myer Bender, superintendent of the general engineering division at ORNL.

More Vehicles Per Miles Of Road Coming

Today this country has around 200 million people, 100 million motor vehicles and 3.7 million miles of roads—about 27 vehicles per mile of highway. In 1985 we will have 265 million people, 144 million vehicles, about the same number of miles of roads—about 40 vehicles per mile of road!

Secretarial Improvement Courses Set For Winter Quarter, Registration Jan. 2

Winter Quarter registration begins this week for those persons studying for the Certified Professional Secretary Examination or for those who would like to take the classes for self-improvement.

A University of Tennessee course, Office Administration 1110 (Business Administration), will be offered on Thursday evenings from 6:30 to 9:20 p.m. Registration for this course will be held January 2 and 3 at the Oak Ridge High School. The first session will be held January 9, and classes will continue through March 13. The registration fee is \$45, and three hours university credit will be given those successfully completing the course.

CPS Skills Review, Part I, will be offered through the Adult Education Program. This class will emphasize increasing accuracy and speed in dictation and transcription, resulting in mailable letters. The class will meet on Monday and Wednesday evenings from 6:30 to 8:30 p.m. Registration will be held at the Oak Ridge High School from January 6 through 10. The first class will meet on January 13, and classes

will continue through March 19. Registration fee for this course is \$26.

Both of these courses are approved under Carbide's Educational Assistance Program.

For further information concerning these classes, contact Mabel Tyer, extension 3-7121.

Wallaby Visitor Count Is Given

Nearly 1,200 persons visited the colony in Y-12 during open houses on three Saturdays last month.

The open houses were held four hours each day, and attendance averaged 100 an hour during the total of 12 hours the wallabies were on public view. The wallabies, which are small kangaroo-like animals, are gifts of the Animals and Birds Protection Board of Tasmania, an island south of the mainland of Australia. They were donated to J. Grant Brewen, a cytogeneticist at Biology, for use in his research dealing with chromosomes—the carriers of genetic information located within the nuclei of living cells.

Attendance in Y-12 was as follows: December 7: 441; December 14: 271; and December 21: 439.

No Bulletin Set For Wednesday, January 8

Due to unforeseen events, there will be no Bulletin next week, January 8.

Publication will resume Wednesday, January 15. Meanwhile, Happy New Year!



J. J. ASBURY'S 'METHOD FOR PRODUCING POROUS URANIUM' has brought a patent application in the name of the U. S. Government. He receives notice above from J. M. Schreyer, Chemistry Development; and W. J. Yaggi, right, superintendent of Development, looks on.

SAFETY SCOREBOARD

The Y-12 Plant Has
Operated
37 Days Or
1,016,00 Man-Hours
(Unofficial Estimate)
Through December 29
Without A Disabling Injury
SAFETY AT HOME,
AT WORK, AT PLAY



3 Teams Boast Good V'ball Record

Three teams ride abreast of the current Volleyball League with no losses... one from each plant... the Nemeses, K-25; ORNL's Ecobums; and Y-12's Beavers.

On December 19 Court A featured Beta Four Astros downing the ORAU team 15-10 and 15-12... while the ORAU team won game two and three 15-4, 15-10.

The Old Men ousted the Metals & Ceramics team 15-7, 15-3, 15-5, and 15-1. The K-25 Hawks handed the Defects three losses 15-1, 15-6, and 15-12... the Defects winning game three 15-10.

Meanwhile on Court B the Ecobums edged by the Naughts 15-3, 15-13 and 15-9. The Nemeses nailed the Gashouse Gang down 15-3, 15-1, 15-2 and 15-6. The Beavers bested the Set-Ups 15-6, 15-5, 15-7 and 15-2.

League standings follow:

Team	W	L
Nemeses, K-25	16	0
Ecobums, ORNL	16	0
Beavers, Y-12	12	0
Old Men, ORNL	14	2
Semanon, ORNL	9	3
Defects, ORNL	13	3
Set-Ups, ORNL	4	12
M & C, ORNL	4	12
K-25 Hawks	4	12
Beta 4 Astros, Y-12	2	10
ORAU	2	14
K-25 Gashouse Gang	0	16
Naughts, ORNL	0	16

Mixed Bowlers Set Season 2nd Half

The Mixed Bowling League began its second half December 18, then rested for two weeks for the holidays.

The Roses 'N Thorns took three points from the McSprays, the Twisters did likewise by the Rollers, and the Alley Cats won three from the Hits & Misses.

Spence Ferguson, Twisters, rolled a 221 scratch, 260 handicap single. His series of 524 scratch, 641 handicap were high. Helen Ellison, McSprays, rolled a 168 scratch single... and her 210 handicap game was high also. Dessie Worley rolled a similar 210 score for the Roses 'N Thorns. Helen's series of 475 scratch, 601 handicap were high.

League standings follow:

Team	W	L
Roses 'N Thorns	3	1
Twisters	3	1
Alley Cats	3	1
Mustangs	2	2
Goofers	2	2
McSprays	1	3
Hits & Misses	1	3
Rollers	1	3

Maintenance Division Stages Christmas Party

Friday, December 6, was the early date chosen for the Maintenance Division to stage their big Christmas party. It was held at the Oak Ridge Country Club.

According to accompanying photographs a nice time was had.

Six Teams Tied In Classic Opener

The Classic League's second half of bowling got underway Thursday evening with six teams "whitewashing" their opponents. Posting these four point victories were the Swingsters over the All Stars, the Tigers clawing the Has Beens, the Pinbusters sticking the Cubs, the Screwballs by forfeit over the Eagles, the Splinters also by forfeit over the Bumpers, and the Smelters melting the Markers. The Rippers clouted the Eightballs for a three point win, and the Rebels did likewise with the Playboys.

Individual single game honors went to Tom Pappas, All Stars, with 224 and 254 while Hubert Tripp, Swingsters, took series honors with 604-685. Teamwise the Tigers took the handicap single with a 1044 to keep the Swingsters from dominating completely with a scratch single of 936 and series of 2773 and 3049.

League standings follow:

Team	Won	Lost
Swingsters	4	0
Tigers	4	0
Pinbusters	4	0
Screwballs	4	0
Splinters	4	0
Smelters	4	0
Rippers	3	1
Rebels	3	1
Playboys	1	3
Eightballs	1	3
Markers	0	4
Bumpers	0	4
Eagles	0	4
Cubs	0	4
Has Beens	0	4
All Stars	0	4

Ping Pong League Rolls In Holidays

The first round of Table Tennis League play ended on December 16. Loyd Wyatt was the winner of X League by defeating W. B. Motley three and zero. Other three point winners were Jerry Keyes over Jerry Goldstein and W. B. Motley over Ariko Hirose.

X League Standings: Final 1st Round:

Name	Won	Lost
Loyd Wyatt	20	1
Herb Mook	17	4
Jerry Keyes	15	6
Bill Motley	13	8
Hugh Moore	9	12
Jerry Goldstein	6	15
Ariko Hirose	3	18
Jerry Manning	1	20

In the Y League Gordon "Red" Brewer and Art Stewart tied for the 1st round of league play. Brewer defeated Bob Smith three-zero on the final night of play to tie Stewart. In only one other match of the evening Francois Kertesz took three from Bob Freestone.

Y League standings: Final 1st Round:

Name	Won	Lost
Red Brewer	17	4
Art Stewart	17	4
Bob Smith	13	8
Ed Gambill	14	3
Joe Lewin	8	13
Ken Toth	6	15
Francois Kertesz	6	15
Bob Freestone	3	18

The second round of Table Tennis League play opened last week with all winners getting the total of three points. In X League play Loyd Wyatt took six points by downing both Jerry Manning and Ariko Hirose. Hugh Moore took three points from Jerry Goldstein. Jerry Keyes, Herb Mook, and Bill Motley did not play and will complete these scheduled matches later.

X League standings: 2nd Round:

Player	Won	Lost
Loyd Wyatt	6	0
Hugh Moore	3	0
Jerry Keyes	0	0
Herb Mook	0	0
Bill Motley	0	0
Ariko Hirose	0	3
Jerry Goldstein	0	3
Jerry Manning	0	3
Joe Lewin	0	3
Francois Kertesz	0	3
Ken Toth	0	3

In Y League play, starting the round, Gordon Brewer, Ed Gambill and Bob Smith emerged as three point victors over Ken Toth, Francois Kertesz and Joe Lewin.



HUBERT ROLLEN AND WAYNE ARRINGTON, left to right, are seen with the two bucks they killed recently in the Monongahela National Forest, in West Virginia. Hubert's buck was a five-pointer, and Arrington's 11-point buck weighed 150 pounds field-dressed. Of the six party... three became deer-slayers! Also attending the hunt were Bill Rowland, Inspection; and Raymond Thompson, Tool Grinding.

C Bowlers End Half, Begin Anew

The Big Five by virtue of a big four point win over the Rollmasters took over top spot in Monday night's C Bowling League. The Sunflowers also "Skunked" the Fireballs, and the Invalids "goose-egged" the Rounders. The Instrument Engineers took four points by forfeit from the Jokers Five. The Parbusters took two and a half from the Hilifers who had to settle for the one and a half. Royal Flush and the Badgers shared alike with two each.

Individual honors went to Ray Galford, Sunflowers, who had a scratch single 238 and shared the single handicap honors with the Hilifers' Frank Adams—both had 252. Series-wise it was Bill Ladd, Rollmasters, with a 691 scratch while Bill Sise took handicap with 691. The Big Five swept the boards for team honors with 975 scratch, 1077 and handicap and series scores of 2779 scratch and 3169 handicap.

League standings follow:

Team	Won	Lost
Big Five	43	17
Rollmasters	38	22
Hilifers	37½	22½
Parbusters	34½	25½
Royal Flush	33	27
Badgers	33	27
Sunflowers	29½	30½
Invalids	28	32
Fireballs	26½	33½
Rounders	25	25
Instrument Engineers	20	40
Jokers Five	12	48

SMOKERS, LISTEN

Cigarette smokers are estimated to have a 70 per cent higher risk of early death from heart disease than do nonsmokers, the American Heart Association reports. The more cigarettes smoked, the higher the risk.

Bob Freestone and Art Stewart will play their match at a later date.

Y League standings: 2nd Round:

Player	Won	Lost
Gordon Brewer	3	0
Ed Gambill	3	0
Bob Smith	3	0
Bob Freestone	0	0
Art Stewart	0	0
Joe Lewin	0	3
Francois Kertesz	0	3
Ken Toth	0	3

Provide information on a "Need-to-Know" basis.

Y-12ers Sweep Skeets 3 Highs!

Three Y-12ers copped the honors at the Skeet Shooters "bang-out" held on December 8, at Oak Ridge Sportsman's Park. H. P. Prewett was number one with a 48.575 handicap final. Second place went to F. S. Patton, Jr. with 48.337 and B. L. Powers took third spot with a 48.263.

The next firing match is set for the latter part of January—so watch the Bulletin for further announcements as to date and time. Newcomers as well as old-timers are always welcome. Instructions are given so welcome one and all!

Scoring is on a handicap basis with penalties on previous winners. This gives more incentive to join in the fun.

December Scores:

Firer	H'Cap Score
Perry Bullard, Y-12	47.785
Joe Comolander, Y-12	47.440
B. Etheridge, Y-12	47.390
Ken Bahler, Y-12	46.675
Charles Asmanes, Y-12	47.477
R. Allstun, Y-12	47.537
William Weathersby, Y-12	48.206
B. L. Powers, Y-12	48.263
J. M. Case, Y-12	48.068
Tom Webber, Y-12	46.625
William Davy, K-25	47.863
D. Fry, X-10	47.706
C. Theobald, K-25	47.920
Bert Searls, Y-12	46.560
L. Bray, Y-12	46.036
D. Glover, Y-12	49.461
Fred Welfare, X-10	49.156
Carl Brewster, Y-12	46.960
F. S. Patton, Jr., Y-12	48.337
H. P. Prewett, Y-12	48.575

Classic Rolls Into Season's 2nd Half

The All Stars added gravy to their victory in the Classic Bowling League December 19 by trouncing the Splinters for four points. Also winning four were the Rippers by the Eagles.

The Swingsters mustered three and one-half from the Has Beens and winning three were the Tigers over the Pinbusters, the Cubs by the Eightballs and the Playboys over the Smelters.

Sharing two were the Regels and Bumpers... and the Screwballs and Markers.

Bill Freels, Tigers, rolled a 255 scratch game, and a 286 handicap single. James Hasley, Bumpers, put a 630 scratch series down...

Continued on Page

Y-12's GBU's Take Basketball Lead

With nine games played beginning December 16, Y-12's GBU's, captained by Stephan Babb, held the basketball league's top spot with four wins and no losses. Right behind them were ORNL's Bombers with three wins and no losses.

Beginning Monday (December 16) K-25's Trojans narrowly won over ORNL's Butter Balls 37-35. Big "Nettrippers" for the Trojans were Tom Davis with 14, and Lee Harkness with 12. For the Butter Balls Curt McGinnis had 10. The Cobols, K-25, took a low scoring squeaker from ORNL's Guess Who 26-24. With such "non-basketteering" the Cobols overcame a half-time 10 point deficit to win. Troy Beets had 11 points for the Cobols and John Gilbert, Guess Who, led the losing aggregation with 7 points. Monday night's final was taken by forfeit by the Cavaliers, ORNL, over the defunct Soul Men who dropped from league play.

On Wednesday night (December 18) league play was under way at the Highland View Gym as well as the regular High School gym. Beginning with Highland View, Y-12's Quarks battered their Y-12 cousins, the Bat Boys, with a 60-42 win. For the Quarks Don Feree led all scorers with 19 and Larry DeRoos had 13. For the Bat Boys Doug Roberts and Tom Smith tied for scoring honors with 12 each. Highland View gym found the GBU's, Y-12, running "rough shod" over ORNL's Isotopes 75-32. GBU had four players scoring in double figures—Jim Shoemaker led with 23 and Ron Gamrot had 19. For the losing Isotopes it was Jim Gibson with eight. The final encounter on "West Outer" found ORNL's Computes defeating Y-12's All Stars by a wide margin 68-43. The Computes were overpowering on the boards with Jim Treadwell scoring 24 big points and Bob Alred had 22. For the All Stars John White led with 22.

Regular play was going on at the High School gym during the same time, as previously mentioned. The opening 6:30 p.m. game found two Y-12 teams locking horns as the CC 69'ers walloped the Dag Mops 56-31. Leading scorers for the winners were Ken Dirkson with 12 and Wesley Hightower with 10. Junior Wilkerson led the losers with 13 points. The Dag Mops were held scoreless the first quarter as the 69'ers controlled the boards consistently. The 7:30 encounter found Y-12's Beta-2 Miners squeaking out a win over ORNL's Bio Meds 36-31. For the winning Miners, John Scott led all scorers with 17 and Tim Butler had 12. For the Bio Meds Bill Olson led with 13. The High School gym finale found ORNL's Bombers squeaking out a three point win over Y-12's Bums. The game was decided the last minute of play as the Bums began to foul in order to get the ball. For the winners Tom Kress had 10 and Homer Tucker had nine. For the losers Joe Gallman walked away with all scoring honors with a whopping 22 points.

League standings follow:

Name	Won	Lost
GBU's, Y-12	4	0
Bombers, ORNL	3	0
All Stars, Y-12	3	1
Butter Balls, ORNL	3	1
Cobols, K-25	3	1
Cavaliers, ORNL	3	1
Bio Meds, ORNL	2	1
CC 69'ers, Y-12	2	1
Computes, ORNL	2	1
Beta-2 Miners, Y-12	2	2
Isotopes, ORNL	1	2
Quarks, Y-12	1	2
Bums, Y-12	1	3
Dag Mops, Y-12	1	3
Guess Who, ORNL	1	3
Carbide Trojans, K-25	1	3
Bat Boys, Y-12	0	4
Soul Men, ORNL	0	4

The Bulletin

Published Weekly For The
Y-12 Employees Of
UNION CARBIDE
CORPORATION



NUCLEAR DIVISION

JAMES A. YOUNG Editor

Member



Appalachian
Industrial
Editors' Association

American Association Industrial Editors

OFFICE

Post Office Box Y
Oak Ridge, Tenn. 37830
Telephone 3-7100

5 Retirees Take Leave In December

Five Y-12ers marked retirement yesterday, as two ladies took early, early retirement . . . Edith N. Cruze and Lucia P. Shults, both of Material Control; and John L. Kendall, General Field Shops; and Willis W. Jones, Buildings Grounds and Maintenance Shops, also take early retirement. Richard E. Hulme, Engineering Division, takes normal retirement to consulting basis.

Edith N. Cruze, a native of Knoxville, lives at 5903 Magazine Road. Her husband is president of the Oliver Wright Farm Equipment Company, Knoxville. They have a son W. H. Cruze Sr., a dentist specializing in children's work; and a daughter Dorothy Cruze Barnes. They have four grandsons. Mrs. Cruze plans to devote more time to her church work (she is a pianist at the Meridian Baptist Church) and hopes to travel extensively in Hawaii, Mexico and California.

She came to Y-12 September 18, 1944 after working briefly and housekeeping.

Mrs. Lucia P. Shults' husband is a former Y-12er . . . remembered as Captain Dallas C. Shults of the Guard Department. Lucia came here November 22, 1943 and recently received her 25-year watch.

She was born in Greenville South Carolina, and presently lives at Route 18, Oak Ridge Highway.

Mrs. Shults has a stepson Dallas Jr., in Cleveland, and stepdaughter, Eunice Finchum, Newport; Maudella Feldtz, Kingsport; Dorothy Gosnell, Newport; and Elizabeth Lawson, Dayton, Ohio. There are 15 grandchildren, and one great grandchild.

Capt. Shults retired in June 1962.

They plan to continue living at their present address, and take life easy just as the notion strikes them.

Willis W. Jones (Buck) came to Y-12 October 11, 1943 after working as a blacksmith in Mayesville, North Carolina; and from 1934, until 1943 as a blacksmith with the Tennessee Valley Authority. Prior to that he farmed.

He was born at Ball Play, Tennessee, and lives at Route 3, Concord.

Mrs. Jones is the former Anna Ray Raines, and they have one son Claude, in Chattanooga; and a daughter Joanne Sturgill, Vicksburg, California. There are four grandchildren.

Jones reports he may travel to Needles, California for a couple of years more work there.

John L. Kendall, a native of Columbia, South Carolina, lives at 405 Robertsville Road.

Mrs. Kendall is the former Bessie Bell Moore and they have a son Jerry with the Army in Thailand.

The Kendalls plan to move to 504 Thomas St., Bennettsville, South Carolina, shortly.

Prior to coming here November 10, 1953, Kendall worked with Firestone in Bennettsville, and with the Carmichael Chevrolet there. He also worked with the Laurenberg-Maxton Air Base at Maxton, North Carolina.

Richard E. Hulme, a native of McKean County, Pennsylvania, lives in Tacora Heights, near Clinton.

He holds a BS degree from Carnegie Institute, and an MS from



Lucia P. Shults



Edith N. Cruze



John L. Kendall



Willis W. Jones



Richard E. Hulme

St. Bonaventure University. He has done extension work at Alfred University and Penn State.

From 1929 until 1931 he worked with the Pennsylvania Railroad, and from 1933 until 1941 with the Kendall Refining Company. From 1941 until 1944 he worked with the Blaw Knox Company, Pennsylvania, and from 1944 until 1950 with the Diamond Alkali Company, Painesville, Ohio. From 1950 until 1953 he was with his own engineering firm. He came here March 2, 1953.

Mrs. Hulme is the former Joan Hungville, and she has two sons James, Buffalo, New York; and Maurice, Lansing, Michigan.

After a brief vacation in Florida, Hulme will return to Y-12 on a consulting basis.

Y-12ers send their very best wishes with December's retirees.

TENNESSEE FACTS

The state bird of Tennessee is the mockingbird . . . its tree the tulip poplar. For a motto we claim: "America at its best," and hail the iris as our state flower. Tennessee ranks 17th in population in the USA, with more than 3,567,089 souls.

Be certain of the visitor's clearance before discussing classified information.

Classic League

Continued from Page 3
and Freels' 672 handicap series were high.

The Bumpers bumped team honors all the way . . . singles of 958 scratch, 1077 handicap . . . and series of 2689, 3046.

Final 1st Half Standings:

All Stars	45½	14½
Swingsters	39½	20½
Rebels	36	22
Eagles	34	26
Bumpers	34	26
Markers	32	28
Has Beens	31½	28½
Rippers	31½	28½
Smelters	28	32
Eightballs	27	33
Splinters	26	34
Tigers	26	34
Screwballs	24	36
Pinbusters	23	37
Cubs	22	38
Playboys	18	42

HANDLE WITH CARE

Barber, to balding customer:
How shall I cut your hair?
Customer: With great respect.



JENNIFER LYNN Winningham is the happy granddaughter of the C. E. Bolyards, Kingston. She is the daughter of Ronnie and Patty Winningham. Bolyard is in Y-12's General Machine Shop.



UNION CARBIDE CORPORATION
NUCLEAR DIVISION
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Y-12 Milestones

A horde of Y-12ers celebrate important dates with Union Carbide Corporation during the first exciting days of the new year. Congratulations.

25 YEARS

Beecher M. Cox, Electrical Department, January 1.

Lorenzo D. Brown, Laboratory Operations, January 1.

Cecil C. Butler, Fire Department, January 3.

Harold M. Payne, Physical Testing, January 3.

William N. Jennings, Facilities Engineering, January 3.

George W. Flack, Central Employment Office, January 3.

Victor Defenderfer, Beta Two Forming, January 4.

Joe H. Hackney, Process Maintenance, January 4.

Raymond E. Mellon, Buildings, Grounds and Maintenance Shops, January 5.

Bertha L. Jones, Building Services Department, January 5.

Harold D. Duncan, Facilities Engineering, January 5.

Bruce T. Whitaker, SS Warehousing and Shipping, January 6.

Rella O. Davis, Building Serv-

ices Department, January 7.
Homer F. Jenkins, Buildings, Grounds and Maintenance Shops, January 7.

20 YEARS

James B. McKinney, General Shop Inspection, January 3.

Herbert A. Miller, Stores Department, January 3.

Thomas G. Pappas, Ceramics and Plastics Development, January 6.

15 YEARS

Owen A. Hammonds, Assembly Technical Staff, January 3.

James C. Knisley, Facilities Engineering, January 4.

Orval A. Holeman, Beta Two Shop, January 4.

James W. Kyle, Machine Maintenance, January 4.

Dave S. Tipton Jr., Stores Department, January 4.

Sherley H. Franks, Research Services, January 4.

Fred H. Wray, Process Maintenance, January 4.

James F. Liasa, 9215 Rolling Department, January 4.

George E. Duncan, Special Production Scheduling and Coordination, January 4.

Troy M. Morgan, Alpha Five Machine Shop, January 4.

John B. Cory Jr., Facilities Engineering, January 4.

Howard W. Roberts, Tool Grindind, January 4.

J. T. Taylor, A-2 Shops, 9212, January 5.

Charlie Bullock Jr., Buildings, Grounds and Maintenance Shops, January 6.

Herman R. Parks, Research Services, January 6.

Chester Powers, Utilities Administration, January 6.

Willis F. Miller, H-1 Foundry, January 6.

Clarence F. Needham Jr., Special Services, January 6.

Nolan Parrott, General Metal Fabrication Shop, January 8.

Leenie C. Vann, Research Services, January 8.

10 YEARS

Billy G. Layman, Assembly Operations, January 5.

Robert P. Dinwiddie, Dimensional Inspection, January 5.

David T. Sissom, Product Engineering, January 5.

Billy J. Cooper, H-2 and F-Area Shops, January 5.

Jerry B. Davis, Utilities Administration, January 8.

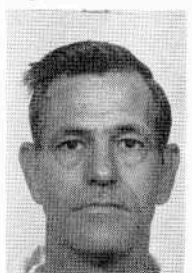
Gale N. Helton, Physical Testing, January 8.

AIRLESS TIRES

Punctures and blowouts, often the motorist's nightmare, may be a thing of the past one of these days. Chemical progress has come up with an organic rubber polymer designed to replace air in tires. A sausage-shaped strip of the material is inserted into the tire just like an inner-tube. Under heat treatment, the material expands into a dense sponge-like substance that fills the tire. Spikes, slashes, and even bullets have not been able to produce a flat. And tread wear has not been affected by the new filler.

J. M. Butts Dies During Holidays

The Fabrication Division was saddened last week by the death of Mr. James M. Butts. Mr. Butts died in the Oak Ridge Hospital Friday, December 20. A native of Pratt City, Alabama, he came to Y-12 March 25, 1951, after working with the Tennessee Coal Iron



J. M. Butts

and Railroad Company, Fairfield, Alabama. The Butts home is at 126 Arkansas Avenue, Oak Ridge. Surviving there are his wife, Mrs. Josephine Butts and daughter Deborah. Another

daughter Mrs. Brenda Sanderson survives in Birmingham and a son, Thomas M. Butts, there. Also surviving are his father Mr. L. W. Butts, a sister, Mrs. Nina Yager; a brother, Robert Butts; and four grandchildren, all of Birmingham.

An active man, Mr. Butts had varied interests as a sportsman and amateur gardener. He had previously served as a violinist in the Oak Ridge Symphony Orchestra.

Funeral services were held Sunday, December 22, at Martin Funeral Home with the Reverend Carrol Hubbard, pastor of Central Baptist Church officiating. Masonic rites were performed also, with graveside services set for Monday, December 23, at the Midway Cemetery, Birmingham. Rites there were led by the Reverend Lee Hanks, a retired Baptist minister and family friend.

Sincere sympathy is extended to the Butts family.